

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kazuo Kobayashi et al.

Title: ENDO- $\beta$ -N-ACETYLGLUCOSAMINIDASE  
GENE

Appl. No.: 09/700,993

Filing Date: 11/22/00

Examiner: Unassigned

Art Unit: Unassigned

#13/B  
DJS  
12/30/02  
PTO/PCT Rec'd 20 JUL 2002

TRANSMITTAL OF RESPONSE TO NOTICE TO COMPLY

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to Comply with Requirements for Sequence Listing mailed on May 22, 2001, in which a response is due to be filed on July 22, 2001, transmitted are:

- Copy of Notification To Comply.
- Amendment In Response To Notice to Comply with Requirements for Sequence Listing directing its entry into the specification.
- A statement that the content of the substitute paper and CRF are identical and, where applicable, include no new matter.
- A paper copy of the Sequence Listing.
- A computer readable form (CRF) copy of the Sequence Listing.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§1.16-1.17, or credit any

overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

By S. A. Bent

Date 10 July 2001

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Washington Harbour  
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TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

081356-0154

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)  
09/700,993INTERNATIONAL APPLICATION NO.  
PCT/JP99/02644INTERNATIONAL FILING DATE  
May 20, 1999PRIORITY DATE CLAIMED  
May 22, 1998TITLE OF INVENTION  
ENDO-B-N-ACETYLGLUCOSAMINIDASE GENE

## APPLICANT(S) FOR DO/EO/US

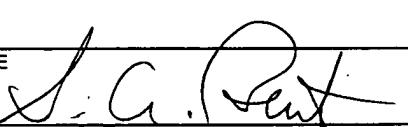
Kazuo KOBAYASHI Makoto TAKEUCHI, Akihiko IWAMATSU, Kenji YAMAMOTO, Hidehiko KUMAGAI, Satoshi YOSHIDA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.  A proper Demand for International Preliminary Examination was made by the 19<sup>th</sup> month from the earliest claimed priority date.
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - is transmitted herewith (required only if not transmitted by the International Bureau).
  - has been transmitted by the International Bureau.
  - is not required, as the application was filed in the United States Receiving Office (RO/US)
6.  A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - are transmitted herewith (required only if not transmitted by the International Bureau).
  - have been transmitted by the International Bureau.
  - have not been made; however, the time limit for making such amendments has NOT expired.
  - have not been made and will not be made.
8.  A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
11.  Applicant claims small entity status under 37 CFR 1.27.

Items 12. to 17. below concern other document(s) or information included:

12.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14.  A FIRST preliminary amendment.
  - A SECOND or SUBSEQUENT preliminary amendment.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.
17.  Other items or information: Transmittal of Response to Notice to Comply; Copy of Notification to Comply; Amendment In Response to Notice to Comply with Requirements for Sequence Listing directing its entry into the specification; A statement that the content of the substitute paper and CRF are identical and, where applicable, include no new matter; A paper copy of the Sequence Listing; A computer readable form (CRF) copy of the Sequence Listing.

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50 09/700,993		INTERNATIONAL APPLICATION NO. PCT/JP99/02644		ATTORNEY'S DOCKET NUMBER 081356-0154	
18. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS	PTO USE ONLY
Basic National Fee (37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO.....\$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2) .....\$710.00 Neither international preliminary examination fee (37 CFR 1.482) nor International search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) .....\$100.00					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 Months from the earliest claimed priority date (37 CFR 1.492(e))				\$130.00	
Claims	Number Filed	Included in Basic Fee	Extra Claims	Rate	
Total Claims	-	20	= 0	x \$18.00	\$0.00
Independent Claims	-	3	= 0	x \$80.00	\$0.00
Multiple dependent claim(s) (if applicable)				\$270.00	
TOTAL OF ABOVE CALCULATIONS =				\$130.00	
Reduction by ½ for filing by small entity, if applicable.				\$0.00	
SUBTOTAL =				\$130.00	
Processing fee of \$130.00 for furnishing English translation later the 20 months from the earliest claimed priority date (37 CFR 1.492(f)). +					
TOTAL NATIONAL FEE =				\$130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					
TOTAL FEES ENCLOSED =				\$130.00	
				Amount to be: refunded \$	
				charged \$	
a. <input checked="" type="checkbox"/> A check in the amount of \$130.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$710.00 to the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u> . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Foley & Lardner Washington Harbour 3000 K Street, N.W., Suite 500 Washington, D.C. 20007-5109			SIGNATURE  NAME STEPHEN A. BENT		
REGISTRATION NUMBER 29,768					



## UNITED STATES PATENT AND TRADEMARK OFFICE

SABE  
Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NO.		FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/700993		KOBAYASHI K	081356/0154
FOLEY & LARDNER WASHINGTON HARBOUR SUITE 500 3000 K STREET NW WASHINGTON, DC 20007-5109		INTERNATIONAL APPLICATION NO.	
		PCT/JP99/02644	
		I.A. FILING DATE	PRIORITY DATE
		20 MAY 99	22 MAY 98

DATE MAILED:

22 MAY 2001

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as  a Designated Office (37 CFR 1.494)  an Elected Office (37 CFR 1.495):
  - U.S. Basic National Fee.
  - Copy of the international application.
  - Oath or Declaration of inventor(s).
  - Copy of Article 19 amendments.
  - Priority Document.
  - The International Preliminary Examination Report in English and its Annexes, if any.
  - Translation of Annexes to the International Preliminary Examination Report into English.
2.  Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.
  - U.S. Basic National Fee.
  - Copy of the international application.
3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:
  - a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
    - The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
  - b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
  - c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.
    - The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
  - d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).
4. Additional claim fees of \$ \_\_\_\_\_ as a  large entity  small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.
5.  Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.

**ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.
7.  The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

***A copy of this notice MUST be returned with this response.***

Enclosed:  PCT/DO/EO/917  Notice of Defective Translation  
 PTO-875  PCT/DO/EO/920

Paulette Kidwell, Paralegal

Telephone: 703 305-3656